

C1
cont. 10. (Amended) ~~The method of claim 9, wherein said establishing step further comprises causing said facultative heterotrophic bacteria and methane bacteria to produce a gaseous emission comprising about 70% methane.~~

Sub. D2
C2 15. (Amended) ~~The method of claim 1 further comprising the step of gas capturing, said gas capturing comprising the steps of:
collecting a gas emitted from said methane fermentation zone in a submerged gas collector;
transporting said gas by way of a central mast pipe; and
collecting said gas in a gas cap.~~

23. (Amended) ~~The method of claim 18, wherein said establishing step includes creating a stable microbiological methane fermentation zone comprising facultative heterotrophic bacteria and methane bacteria.~~

C3 24. (Amended) ~~The method of claim 23, wherein said establishing step further comprise causing said facultative heterotrophic bacteria and methane bacteria to produce a gaseous emission.~~

Sub. D3
25. (Amended) ~~The method of claim 24, wherein said establishing step further comprises causing said facultative heterotrophic bacteria and methane bacteria to produce a gaseous emission comprising about 70% methane.~~

26. (Amended) ~~The method of claim 18 further comprising:
collecting a gas emitted from said methane fermentation zone in a submerged gas collector;
transporting said gas by way of a central mast pipe; and
collecting said transported gas in a gas cap.~~

C4 31. (New) ~~The method of claim 1, wherein said forming step includes the step of forming a primary waste pond that is about 4 to 6 meters deep.~~

32. (New) The method of claim 12, wherein said creating step further comprises the step of forming a fermentation zone between approximately 4 to 6 meters deep.

33. (New) The method of claim 12, wherein said creating step further comprises the step of forming a fermentation zone having a top surface area no greater than 0.1 hectare.